

WHAT IS CLAIMED IS

- 5 1. A window operator including a mounting means, an  
 elongate threaded member mounted with the mounting a  
 drive mechanism to apply a rotational movement to the  
 elongate threaded member, a threaded element located  
 on the elongate threaded member, a hinge with which a  
 10 fn window sash can be mounted and a coupling moveable in  
 response to movement of the threaded element on the  
 elongate threaded member the hinge being associated  
 with the coupling such that movement of the coupling  
 results in movement of the hinge.
- 15 2. A window operator including a mounting means and  
 drive transfer mountable in a cavity formed between a  
 window sash and window frame when the sash is in the  
 closed position such that the mounting and drive  
 20 transfer are not visible, an operator handle and  
 handle mounting mountable to a surface of the window  
 frame, the operator handle being coupled to the drive  
 transfer and the drive transfer being drivingly  
 coupled to an elongate threaded member mounted with  
 25 the mounting, a threaded element located on the

005029 070500

elongate threaded member being connected to a hinge  
~~engageable with the window sash.~~

Sub B 5 3. A window operator as claimed in claim 1, further  
including a lost motion mechanism between the  
threaded element and the coupling, and an engagement  
device for engaging with a locking arrangement  
mounted with the window sash, the engagement device  
being movable by said lost motion mechanism to apply  
10 a locking action to the locking arrangement.

Sub D24 4 4. A window operator as claimed in claim 1 wherein the  
coupling includes a driver element and a follower  
element, the follower element having a mounting with  
15 which at least one arm of the hinge is pivotally  
attached.

20 5. A window operator as claimed in claim 4 wherein the  
threaded member is housed within an elongate housing  
the driver element being located externally of the  
elongate housing and coupled to the threaded element  
within the elongate housing, the follower being  
coupled to a sliding element slidingly engaged within  
the elongate housing.

005040 62201960

6. A window operator as claimed in claim 5 further including an end stop with which the sliding element is engageable.

7. A window operator as claimed in claim 6 wherein the end stop includes a head lock with which a part of the hinge is engageable.

8. A window operator as claimed in claim 5 wherein the elongate housing is attached to the mounting.

9. A window operator as claimed in claim 3 in combination with the locking arrangement, said locking arrangement be a multi-point lock mechanism.

15

10. The combination of claim 9 wherein the multi-point lock mechanism includes a first lock element, the first lock element having an engagement member, the coupling having a driver which upon engagement with the engagement member imparts movement to the first lock element.

20

11. The combination of claim 10 further including a second lock element coupled to the first lock element by a corner drive.

5 12. The combination of claim 11 further including at least one keeper mountable with a part of a window construction, the second lock element including a first projection which when the second lock element is moved to a locking position interengages with a  
10 second projection of the keeper.

13. The combination of claim 11 wherein the corner drive includes a housing formed from first and second housing sections and a flexible elongate element  
15 slidingly captured between the first and second housing sections.

14. The combination of claim 13 wherein the first and second housing sections are snap-locked together by  
20 clip devices.

15. The combination of claim 14 wherein the first and second housing sections further include apertures which are aligned upon the first and second housing

005020" 6220T960

sections being combined, the aligned openings being such as to receive a mechanical fastener to mount the corner and further fix the first and second housing sections together.

5

16. The combination of claim 15 wherein <sup>or</sup> a connect is fixed to each end of the flexible elongate element, each connector including an elongate opening through which a said mechanical fastener can project.

10

17. The combination of claim 9 wherein the lost motion coupling is formed by a toggle mechanism and a trigger element mountable with a part of a window construction to induce toggling of the toggle mechanism.

15

20